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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		Application Number	10/537,193		
FORMATION DISCLOSURE		Filing Date	Sept. 18, 2006		
· -		First Named Inventor	Kuolih Tsai		
TATEM	ENT BY APPLICANT	Art Unit	1734		
(Use as many sheets as necessary)		Examiner Name	Unknown		
	of	Attorney Docket Number	81982PCT/US		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 7,151,552 B2	12-19-2006	Chamandy	
		<sup>US-</sup> 7,102,657 B2	09-05-2006	Chamandy	
		<sup>US-</sup> 6,893,717 B1	05-17-2005	Tsai et al.	
		<sup>US-</sup> 6,797,747 B1	09-28-2004	Patel et al.	
		<sup>US-</sup> 6,521,327 B1	02-18-2003	Franke	
		<sup>US-</sup> 6,423,466 B2	07-23-2002	Hare et al.	
		<sup>US-</sup> 6,395,373 B2	05-28-2002	Conti et al.	
		<sup>US-</sup> 6,383,710 B2	05-07-2002	Hare et al.	
		<sup>US-</sup> 6,376,069 B1	04-23-2002	Bilodeau et al.	
		<sup>US-</sup> 6,309,498 B1	10-30-2001	Doi	
		<sup>US-</sup> 6,254,970 B1	07-03-2001	Hiatt et al.	
		<sup>US-</sup> 6,152,621	11-28-2000	Langan	
		<sup>US-</sup> 6,147,604	11-14-2000	Wiklof et al.	
		<sup>US-</sup> 5,908,694	06-01-1999	Makar et al.	
		us- 5,832,827	11-10-1998	Pistro et al.	
		<sup>US-</sup> 5,813,772	09-29-1998	Magill et al.	
		<sup>US-</sup> 5,800,890	09-01-1998	Myers	
		<sup>US-</sup> 5,788,796	08-04-1998	Look et al.	
		<sup>US-</sup> 5,662,758	09-02-1997	Hamilton et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	Τ°
		WO 2004/050262 A1	06-17-2004			L
		WO 03/029005 A2	04-10-2003			
		WO 01/12447 A1	02-22-2001			
		WO 01/03950 A1	01-18-2001			
		WO 98/03724 A1	01-29-1998			
		WO 96/40508 A1	12-19-1996			

Examiner	Dat	ite	
Signature	Cor	nsidered	
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Filing Date	Sept. 18, 2006			
First Named Inventor	Kuolih Tsai			
Art Unit	1734			
Examiner Name	Unknown			
Attorney Docket Number	81982PCT/IIS			

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		Number-Kind Code <sup>2 (# known)</sup>			- I iguico Appeal
		<sup>US-</sup> 5,658,647	08-19-1997	Magill et al.	1
	<u></u>	<sup>US-</sup> 5,583,489	12-10-1996	Loemker et al.	
		<sup>US-</sup> 5,538,831	07-23-1996	Oshima et al.	
		<sup>US-</sup> 5,456,969	10-10-1995	Suzuki et al.	
		<sup>US-</sup> 5,411,783	05-02-1995	Mahn, Jr.	
		<sup>US-</sup> 5,161,829	11-10-1992	Detrick et al.	
		<sup>US-</sup> 5,074,595	12-24-1991	Hill et al.	
		<sup>US-</sup> 4,786,349	11-22-1988	Mahn, Sr.	
		<sup>US-</sup> 4,544,590	10-01-1985	Egan	
		<sup>US-</sup> 4,256,795	03-17-1981	Day et al.	
		<sup>US-</sup> 4,078,113	03-07-1978	Starbuck et al.	
		<sup>US-</sup> 3,992,559	11-16-1976	Day et al.	
		<sup>US-</sup> 3,959,555	05-25-1976	Day et al.	
		<sup>US-</sup> 3,920,499	11-18-1975	Day et al.	
		US- 3,793,112	02-19-1974	Sontag et al.	
		<sup>US-</sup> 3,660,212	05-02-1972	Liebe, Jr.	
		<sup>US-</sup> 3,657,832	04-25-1972	Valentine	
		<sup>US-</sup> 3,359,127	12-19-1967	Meyer et al.	
		<sup>US-</sup> Re28,542	09-02-1975	Meyer	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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		WO 96/40526 A1	12-19-1996			
		WO 96/08596 A1	03-21-1996			
		WO 95/31800 A1	11-23-1995			
		EP 1 457 351 A1	09-15-2004			
		EP 1 388 827 A2	02-11-2004			
		EP 0 947 967 B1	11-12-2003			

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Art Unit	1734				
Examiner Name	Unknown				
Attorney Docket Number	91092DCT/IIC				

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		Number-Kind Code <sup>2 (I known)</sup>			rigures Appear
		<sup>US-</sup> 2004/0179083 A1	09-16-2004	Chamandy	
		<sup>US-</sup> 2003/0136503 A1	07-24-2003	Green et al.	
		<sup>US-</sup> 2003/0063139 A1	04-03-2003	Hohberger et al.	
		<sup>US-</sup> 2003/0044595 A1	03-06-2003	Christian et al.	
		<sup>US-</sup> 2002/0109636 A1	08-15-2002	Johnson et al.	
•		<sup>US-</sup> 2001/0005543 A1	06-28-2001	Haneda et al.	
		US- US- 11/827,394	n/a	He et al.	
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	-6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Γ°
		EP 1 225 062 A2	07-24-2002			
		EP 0 844 097 B1	07-18-2001			
		EP 0 831 999 B1	04-04-2001			
		JP 2003063158A	03-05-2003			
		JP 2002347362	12-04-2002			
		JP 2000284694	10-13-2000			

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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sub>€</sub>
		JP 1997297536A	11-18-1997			
		JP 1997122605A	05-13-1997			
		JP H08-192566	07-30-1996			
		JP H07-299996	11-14-1995			
		JP H05-246197	09-24-1993			
		JP S56-167490	12-23-1981			

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]		Le, "Progress and Trends in Ink-jet Printing Technology," Journal of Imaging Science and Technology, 42:49-62 (19998)		

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